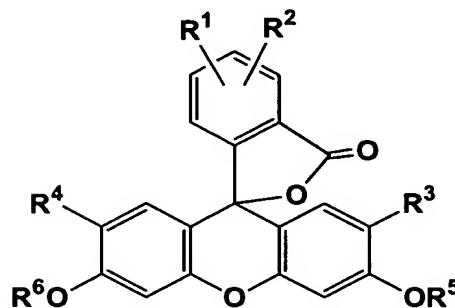
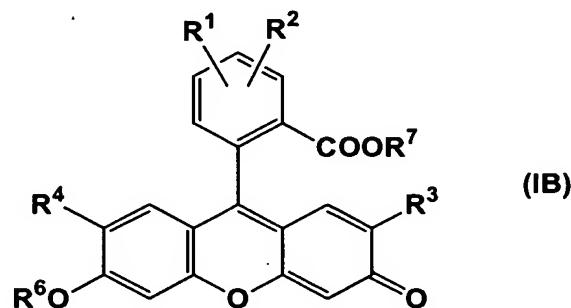


ABSTRACT

A compound represented by the following general formula (IA) or (IB) or a salt thereof which specifically traps a zinc ion and emits fluorescence, and is useful as a fluorescent probe for zinc:

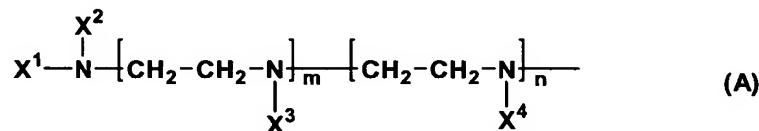


(IA)



(IB)

wherein R^1 and R^2 represent a hydrogen atom or a group represented by the following formula (A):



wherein X^1 to X^4 represent a hydrogen atom, a 2-pyridylmethyl group, a 2-pyridylethyl group, a 2-methyl-6-pyridylmethyl group, or a 2-methyl-6-pyridylethyl group, provided that at least one is the group except a 2-pyridylmethyl group, and m and n represent 0 or 1, provided that they are not simultaneously 0; provided that R^1 and R^2 are not simultaneously hydrogen atoms; R^3 and R^4 represent a hydrogen atom or a halogen atom; R^5 and R^6 represent a hydrogen atom, an alkylcarbonyl group, or an alkylcarboxyloxymethyl group; and R^7 represents a hydrogen atom or an alkyl group.